

Work Order ID 60804

Friday, July 23, 2010 8:16:46 AM



Page 1

Item ID: D4034-1

Revision ID:

Item Name: Rib

Start Date: 7/23/2010 Start Qty: 6.00

Required Date: 7/29/2010 Req'd Qty: 6.00

Reference:

Accept



Setup Start

Stop



Cust Item ID:
Customer:

Approvals:

Process Plan:

QC:

Date: 10-7-23

Tooling:

Date:

SPC (Y/N):

Date:

Run Start

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4034

A

100



Large Fab

Large Fab

Memo

1- Cut tube as per dwg D4034

0.00

0.00

SAD

10-08-06

6

110



QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

0.00

10/08/09

46

120



Packaging

Packaging

Identify as per dwg & Stock Location: WA

Memo

0.00

0.00

SAD

10-08-06

6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 60804

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Page 2

Item ID: D4034-1

Revision ID:

Accept

Item Name: Rib



Setup Start

Start Date: 7/23/2010 Start Qty: 6.00

Stop

Required Date: 7/29/2010 Req'd Qty: 6.00



Cust Item ID:
Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/08/09
MF
10-8-91

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Friday, July 23, 2010 8:16:50 AM

Work Order ID: 60804

Parent Item: D4034-1

Parent Item Name: Rib

Page 1

Comments:

IPP RevA: new issue DD 09.11.23 verified by:EC
per dwg revA 10.03.15 verified by:EC

IPP Rev:B as

Start Date: 7/23/2010

Start Qty: 6.00

Required Date: 7/29/2010

Required Qty: 6.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.750W.049		Purchased	No			100	f	476.1036	0.3333	2.105053			
304 SQ Tube .75x.75x.049W													

Location

MAT

113763

114323

114677

114835

MAT017

114298

WA

114992

115260

Loc Qty

40.83646794

0

20.0582189

14.34201

6.436239

3.68448E-05

3.6845E-05

435.2671

135.2671

300

Loc Code



SAP

10-08-06

2.1051

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

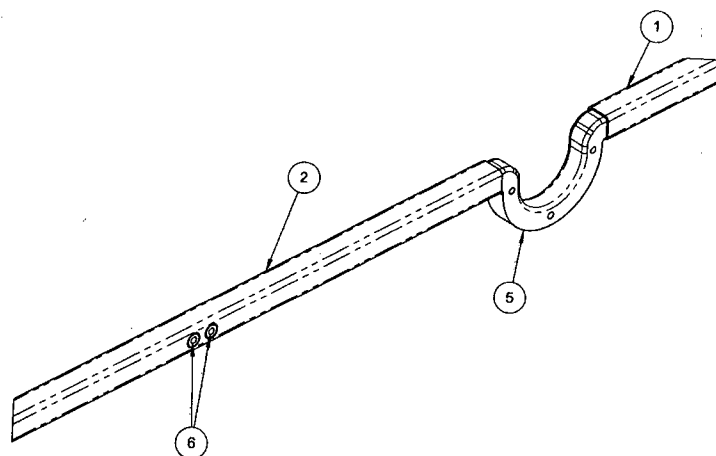
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

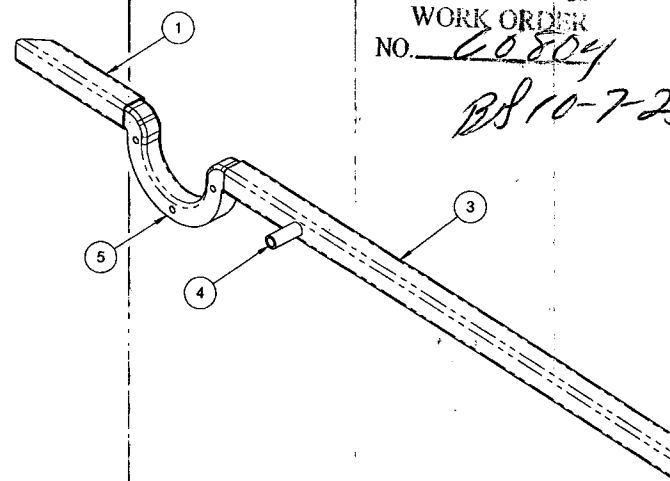
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
	X		D4034-041	AFT UPPER RIB ASSY
		X	D4034-043	FWD UPPER RIB ASSY
1	1	1	D4034-1	RIB
2	1		D4034-3	RIB
3		1	D4034-5	RIB
4		1	D2327-3	SPACER BUSHING
5	1	1	D4021-7	HOOP
6	2		D4021-9	BUSHING



D4034-041 AFT UPPER RIB ASSY



D4034-043 FWD UPPER RIB ASSY

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 60804
BS10-723

RELEASED
2010-03-12
MP

A		NEW ISSUE		DESCRIPTION		AJS	10.03.04
REV.				BY	DATE		
DESIGN	AJS			DART AEROSPACE LTD			
DRAWN	AJS			HAWKESBURY, ONTARIO, CANADA			
CHECKED	<i>[Signature]</i>	DRAWING NO.		REV. A			
MFG. APPR.	<i>[Signature]</i>	D4034		SHEET 1 OF 4			
APPROVED	<i>[Signature]</i>	TITLE		SCALE			
DE APPR.	<i>[Signature]</i>	UPPER RIB ASSY, BASKET BASE		NTS			
DATE	10.03.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD		THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

8 7 6 5 4 3 2 1

D

C

B

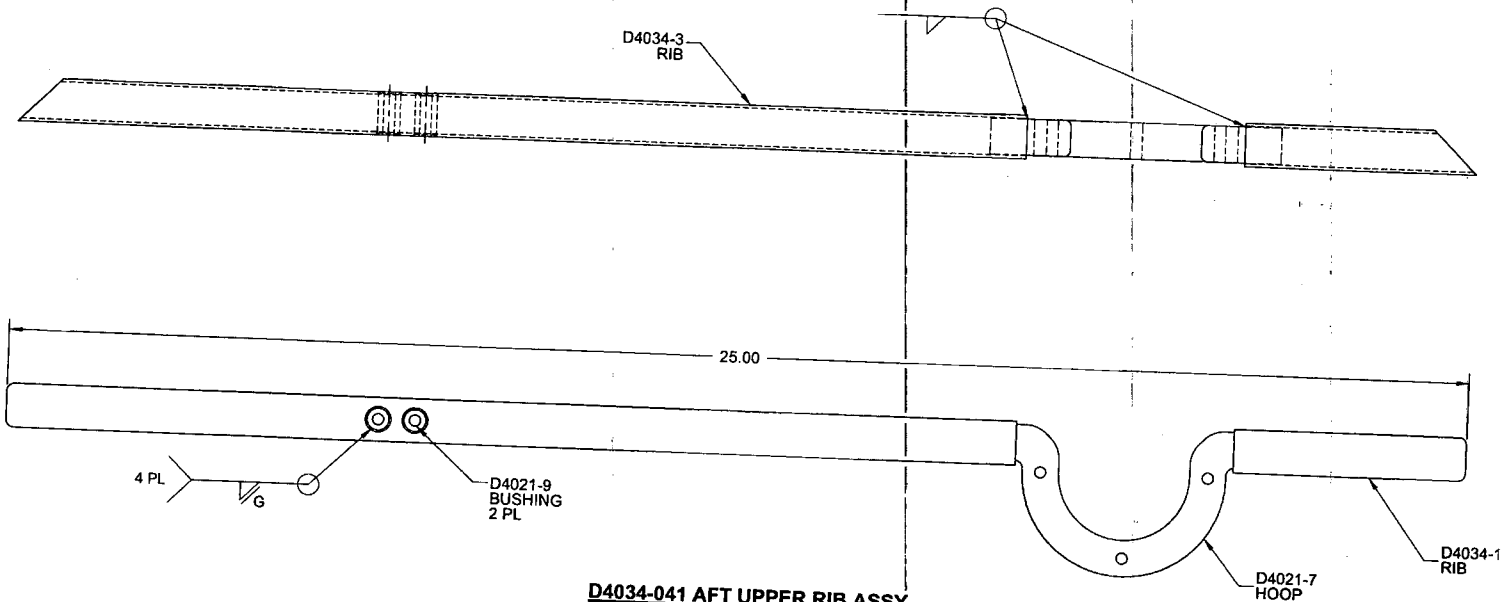
A

D

C

B

A



D4034-041 AFT UPPER RIB ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.59 lbs
- 8) WELD PER DART QSI 004

WLO 60804

RELEASED
2010-03-12
NM

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4034	SHEET 2 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
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8 7 6 5 4 3 2 1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

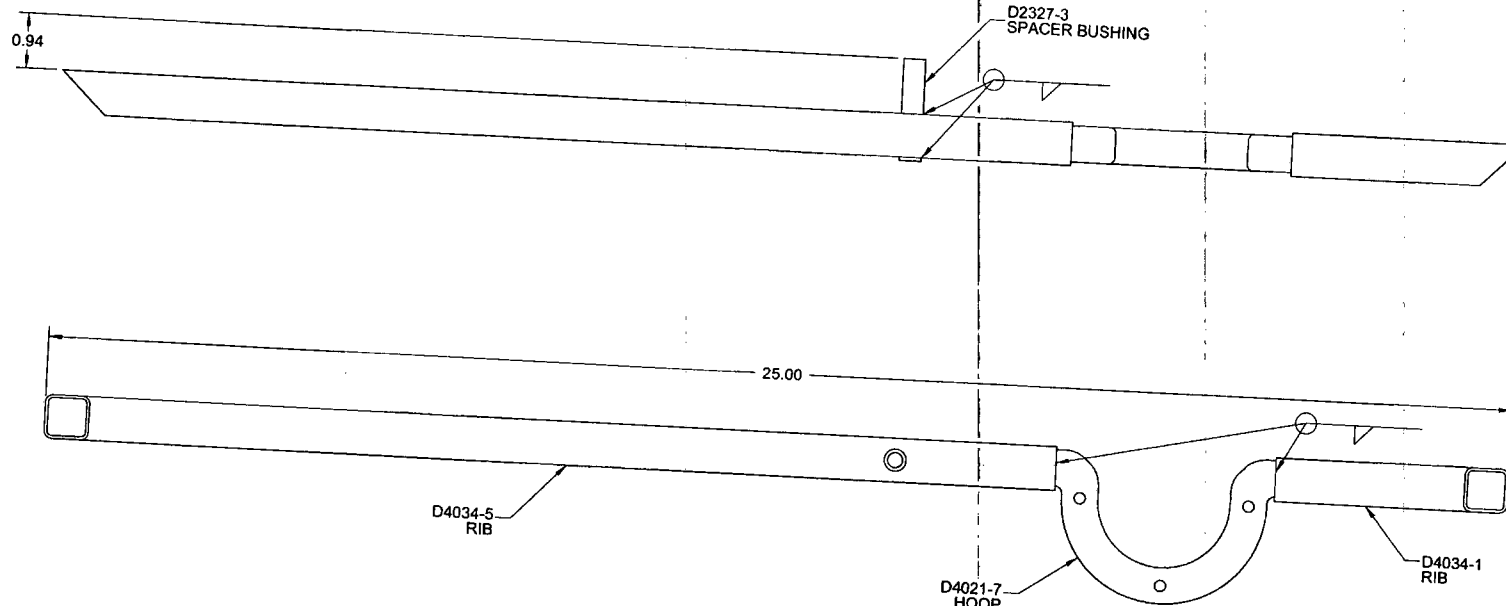
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NOTE: Date & initial all entries

8 7 6 5 4 3 2 1



D4034-043 FWD UPPER RIB ASSY

WLO 60804
RELEASED
 2010-03-12
AMP

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.58 lbs
- 8) WELD PER DART QSI 004

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4034	SHEET 3 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	UPPER RIB ASSY, BASKET BASE	NTS
DATE	10.03.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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8 7 6 5 4 3 2 1

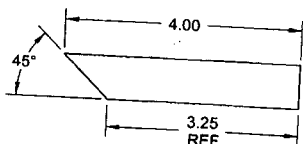
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

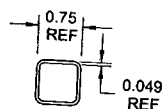
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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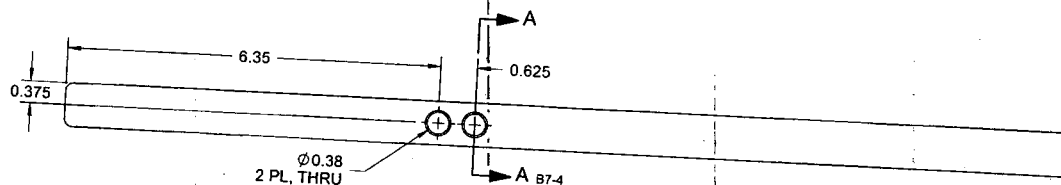
D4034-1 RIB



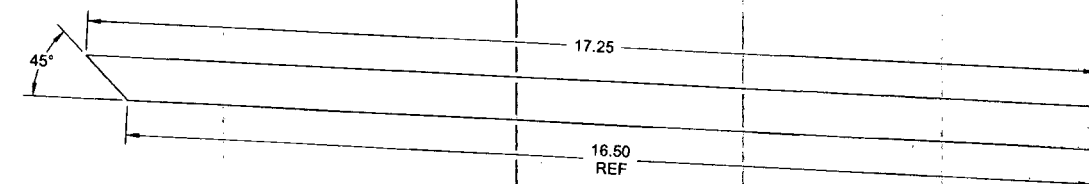
BREAK EDGE
0.030 X 45°
TYP



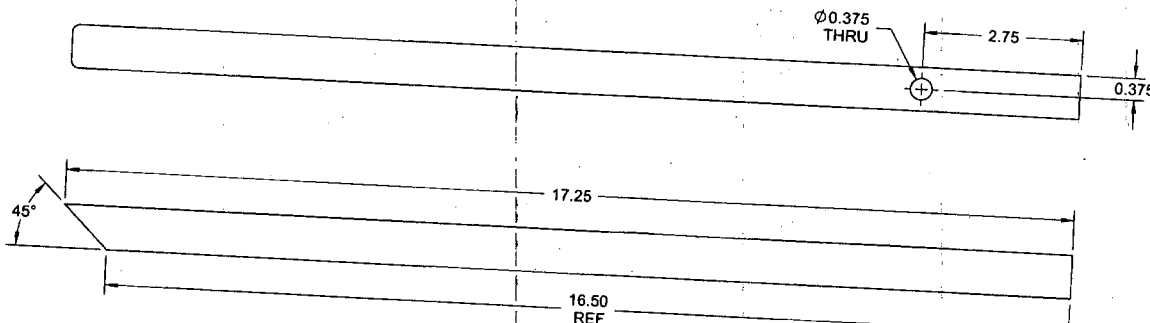
SECTION A-A D4-4



D4034-3 RIB



D4034-5 RIB



RELEASED
2010-03-12
WV

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.049 WALL
REF DART SPEC. M304TS0.750W.049
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT -1: 0.13 lbs
-3 & -5: 0.62 lbs

wlo 60804

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO. D4034	REV. A
MFG. APPR.	<i>[Signature]</i>	TITLE UPPER RIB ASSY, BASKET BASE	SCALE NTS
APPROVED	<i>[Signature]</i>	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR DISCLOSED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DE APPR.	<i>[Signature]</i>		
DATE	10.03.04		

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